

PHARMACOTHERAPEUTICAL STUDY OF PEPTIC ULCER DISEASE

ABIDULLAH¹, HAYA HUSSAIN², SHUJAT AHMAD³, ZUL KAMAL⁴ & SHAFI ULLAH⁵

^{1,2,3,4}Department of Pharmacy, Shaheed Benazir Bhutto University Sheringal Dir Upper, Khyber Pukhtunkhwa, Pakistan

⁵Department of Pharmacy, University of Malakand, Khyber Pukhtunkhwa, Pakistan

ABSTRACT

Peptic ulcer disease is an excavation in the mucosa that protects and covers the area near the acid secreting parts of the gastrointestinal and thus penetrating through the muscularis layer in the mucosa covering the esophagus, stomach and duodenum. PUD is one of the much more common diseases in the world and one of the leading causes of deaths. The data was conducted in the medical unit of Tertiary care Hospital, Swat. The aims are to evaluate the rational pharmacotherapy pattern for the peptic ulcer given to the patients in the mentioned hospital. Besides this to evaluate drug-drug interactions, drug food interactions and polypharmacy that are prescribed to the patients. Data was collected on random basis containing 48(66.66%) male and 24(33.33%) female patients. Most i.e. 27% the patients were in the range of 31-40 years. In most of the cases the treatment was based on arbitrary facts, however in some of the cases drug drug interactions were noted. For the successful pharmacotherapeutic plans of the disease proper knowledge regarding the drugs is required to eliminate or to decrease the chances of drug interactions in the prescriptions specially to the hospitalized patients. Also a clinical pharmacist is required to follow the recommended treatment protocols, for educating and counseling of the patients at the ward level.

KEYWORDS: Peptic Ulcer Disease, Rational, Pharmacotherapy

ABBREVIATIONS: PUD=Peptic Ulcer Disease, *H. pylori*=*Helicobacter pylori*, GIT= Gastrointestine